INTERNATIONAL SEARCH REPORT

Internal Application No PCT/IB2004/003873

A. CLASSTI IPC 7	C21C5/52 C21C5/56								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS	SEARCHED								
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 C21C F27B F27D									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic da	ata base consulted during the international search (name of data bas	se and where practical search terms used)							
EPO-Internal, PAJ, WPI Data									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category ^e	Citation of document with indication, where appropriate, of the rele	evant passages	Relevant to claim No						
Y	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05,		9-15						
	31 May 1996 (1996-05-31) & JP 08 005248 A (TOKYO ELECTRIC INC:THE; others: 01), 12 January 1996 (1996-01-12) abstract paragraph '0008!; claims								
Y	DATABASE WPI Section Ch, Week 199805 Derwent Publications Ltd., London Class M24, AN 1998-050598 XP002347548 -& RU 2 082 763 Cl (OSKOLSK ELECT COMB) 27 June 1997 (1997-06-27) abstract	1-8							
	figure 1								
		./							
X Furth	ner documents are listed in the continuation of box C	Patent family members are listed i	n annex						
⁰ Special cat	tegories of cited documents	TI later document published after the inte	mational filing date						
¹ A* document defining the general state of the art which is not considered to be of particular relevance 1 attraction of the international fining date of priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention									
Fer earlier document but published on or after the international tiling date cannot be considered to involve an inventive step when the document is taken alone									
citation "O" docume	which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use exhibition or document is combined with one or more other such document.								
other r lp document later th	nt published prior to the international filing date but	ments, such combination being obvious to a person skilled in the art *&* document member of the same patent family							
	actual completion of the international search	Date of mailing of the international search report							
3	October 2005	12/10/2005							
Name and m	nailing address of the ISA European Patent Office, P B 5818 Patentlaan 2	Authorized officer							
NL- 2280 HV Rijswijk TeI (+31-70) 340-2040 Tx 31651 epo nl, Fax (+31-70) 340-3016		Ceulemans, J							

INTERNATIONAL SEARCH REPORT

Interna Application No
PCT/IB2004/003873

	Citation of document with indication whom any size and a second	Releases to slaim No.
Category "	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Υ	US 6 004 504 A (VALLOMY ET AL) 21 December 1999 (1999-12-21) abstract; figures column 1, line 31 - column 3, line 15 column 3, line 39 - column 4, line 18 column 5, line 45 - column 6, line 25 column 6, line 64 - column 8, line 19 claims	1-15
A	FR 2 838 508 A (L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCE) 17 October 2003 (2003-10-17) the whole document	1,9
A	DATABASE WPI Section Ch, Week 200028 Derwent Publications Ltd., London, GB; Class M24, AN 2000-326395 XP002347549 & RU 2 128 407 Cl (NOSTA STOCK CO) 27 March 1999 (1999-03-27) abstract	1,2
A	EP 0 592 723 A (CONSTEEL S.A; TECHINT COMPAGNIA TECNICA INTERNAZIONALE S.P.A) 20 April 1994 (1994-04-20) column 4, line 45 - column 6, line 38	13-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No
PCT/IB2004/003873

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 08005248	A	12-01-1996	JР	3529160	В2	24-05-2004
RU 2082763	Cl	27-06-1997	NONE			
US 6004504	A	21-12-1999	NONE			
FR 2838508	A	17-10-2003	AU	2003249144	A1	27-10-2003
			WO	03087688	Al	23-10-2003
RU 2128407	Cl	27-03-1999	NONE			
EP 0592723	Α	20-04-1994	AT	177477	т	15-03-1999
			AU	658323	B2	06-041995
			AU	4470593	A	28-04-1994
			BG	61820	Bl	30-06-1998
			BG	98134	A	27-051994
			BR	9303756	Α	19-041994
			CA	2104337	Al	14-04-1994
			CZ	9302143	A3	11-091996
			DE	69228607	Dl	15-04-1999
			DE	69228607	T2	16-091999
			DK	592723	Т3	27-091999
			ES	2131514	Т3	01-081999
			GR	3030339	Т3	30-09-1999
			НU	68698	A 2	19-05-•1999
			JР	2966219	B2	25-101999
			JР	6128657	A	10-05-1994
			KR	9614941	в1	21-101996
			PL		Al	18-04-1994
			RU	2086869	Cl	10-081997
			US	5400358	A	21-03-1995
			ZA	9306047	A	15-03-1994